Abstract

The two skates steered by leaning sideways normally curve along circles of similar curvature. As the two circles are offset by the legs' distance they intersect. In order to avoid this disadvantage it is desirable that the outer leg's curved track has a larger radius than the inner leg's curved track. Using lean-controlled steered skates with tiltable wheels comprising a parallelogram closed fourbar linkage including two horizontal cross-guides the purpose is achieved by affixing the two cross-guides rotatably to extensions of the frame in such a way that the vertical projection of the rotation axis makes a solid angle with the vertical projection of the pivot axes of the closed fourbar linkage.